ELECTRICAL SYMBOLS LEGEND SWITCHING DESCRIPTION SINGLE POLE SWITCH - LETTER INDICATES SWITCH LEG MOMENTARY CONTACT SWITCH DOUBLE POLE SWITCH KEY OPERATED SWITCH THREE-WAY SWITCH PILOT LIGHT SWITCH FOUR-WAY SWITCH TIMER SWITCH DIMMER SWITCH OCCUPANCY SENSOR - WALL SWITCH HORSEPOWER RATED SWITCH DASHED LINE INDICATES OCCUPANCY SENSOR - CEILING MOUNTED GROUPS OF LUMINAIRES TO BE FUSED SWITCH CONTROLLED BY OCCUPANCY OCCUPANCY SENSOR - WALL MOUNTED THERMAL ELEMENT LOW VOLTAGE SWITCH - NUMBER INDICATES TYPE LIGHTING FLUORESCENT LUMINAIRE WALL MOUNTED LUMINAIRE WALL MOUNTED LUMINAIRE - NIGHT LIGHT FLUORESCENT LUMINAIRE - LAMPS SWITCHED SEPARATE WALL MOUNTED LUMINAIRE - EMERGENCY FLUORESCENT LUMINAIRE WITH AUXILIARY LIGHT EXIT SIGN FLUORESCENT LUMINAIRE - EMERGENCY PHOTOCELL, DAYLIGHT SENSOR FLUORESCENT LUMINAIRE - NIGHT LIGHT EXTERIOR LUMINAIRE - POLE MOUNTED FLUORESCENT WALL MOUNTED LUMINAIRE EXTERIOR LUMINAIRE - POLE MOUNTED FLUORESCENT WALL MOUNTED LUMINAIRE - EMERGENCY EXTERIOR LUMINAIRE - POLE MOUNTED FLUORESCENT WALL MOUNTED LUMINAIRE - NIGHT LIGHT **EXTERIOR LUMINAIRE - POLE MOUNTED** -FLUORESCENT STRIP LUMINAIRE FLOOD LIGHT LUMINAIRE FLUORESCENT STRIP LUMINAIRE - EMERGENCY EMERGENCY BATTERY PACK FLUORESCENT STRIP LUMINAIRE - NIGHT LIGHT EMERGENCY LUMINAIRE REMOTE HEADS LUMINAIRE TRACK LUMINAIRE LUMINAIRE - NIGHT LIGHT LUMINAIRE - EMERGENCY POWER DEVICES SINGLE RECEPTACLE LIGHTING & APPLIANCE PANELBOARD DUPLEX RECEPTACLE POWER DISTRIBUTION EQUIPMENT FOUR-PLEX RECEPTACLE - TWO DUPLEX RECEPTACLES TRANSFORMER RANGE RECEPTACLE ENCLOSED CIRCUIT BREAKER SPECIAL RECEPTACLE CABINET (TYPE INDICATED) DUPLEX RECEPTACLE - GROUND-FAULT CIRCUIT-INTERRUPTER MOTOR STARTER, LIGHTING CONTACTOR ÐIG DUPLEX RECEPTACLE - ISOLATED GROUND SAFETY SWITCH DUPLEX RECEPTACLE -COMBINATION MOTOR STARTER & SAFETY SWITCH WEATHER-RESISTANT GROUND-FAULT CIRCUIT-INTERRUPTER DUPLEX RECEPTACLE - ON APPLIANCE CIRCUIT CORD DROP (J-BOX AT CEILING) DUPLEX RECEPTACLE - TAMPER-RESISTANT DUPLEX RECEPTACLE - ARC-FAULT RATED CORD DROP (SPECIAL RECEPTACLE AT CEILING) DUPLEX RECEPTACLE - MOUNTED IN MILLWORK MULTI-OUTLET ASSEMBLY DUPLEX RECEPTACLE - MOUNTED BELOW COUNTER FLUSH FLOOR BOX DUPLEX RECEPTACLE - CEILING MOUNTED FLUSH POKE-THRU DUPLEX RECEPTACLE - BOTTOM HALF SWITCHED DAMPER SPLIT-WIRE RECEPTACLE SOLENOID JUNCTION BOX **RACEWAYS** HOME RUN TO PANEL TELEPHONE CONDUIT UNSWITCHED LIGHTING CIRCUIT CONDUIT UP MASTER SATELLITE FIXTURE CONNECTION CONDUIT DOWN EMERGENCY CIRCUIT CONDUIT SEAL ✓ NL
✓ NIGHT LIGHTING CIRCUIT -··- CABLE TRAY SOUND SYSTEM RACEWAY #" CONDUIT SLEEVE (NUMBER INDICATES SIZE) MISCELLANEOUS EQUIPMENT IDENTIFICATION TAG NON-FUSED WEATHER-PROOF WIRE GUARD FACP FIRE ALARM CONTROL PANEL EXPLOSION PROOF FIRE ALARM ANNUNCIATOR PANEL RATED AMPACITY/NO. POLES/FUSING REQ'D/NEMA ENCL. NO. PROJECTOR INPUT STATION - LETTER INDICATES TYPE HAND-OFF-AUTO CCT. PROJECTOR CONTROL STATION CIRCUIT LIGHT LINEWORK = EXISTING OR DEMOLITION PART. CCT. PARTIAL CIRCUIT DARK LINEWORK = NEW COMMUNICATIONS TELEPHONE CABINET CLOCK HANGER OUTLET TELEPHONE OUTLET - WALL MOUNTED CLOCK - WALL MOUNTED TELEPHONE OUTLET BOX CLOCK - CEILING MOUNTED (DOUBLE FACE) NUMBER BY SYMBOL INDICATES DATA OUTLET BOX QUANTITY OF JACKS. ZERO CLASSROOM CLOCK & SPEAKER PHONE OUTLET BOX - CEILING MOUNTED | INDICATES EMPTY OUTLET BOX, BLANK PLATE AND CONDUIT. PROGRAM BELL DATA OUTLET BOX - CEILING MOUNTED INTERCOM CALL SWITCH COMBINATION TELEPHONE/DATA OUTLET BOX - ONE JACK EACH INTERCOM ADMINISTRATION STATION (LETTER INDICATES TYPE) DATA OUTLET BOX - BLANK PLATE, 1" CONDUIT INTERCOM CLASSROOM/STAFF STATION (LETTER INDICATES TYPE) MICROPHONE OUTLET (NUMBER INDICATES QUANTITY) AUDIO/VISUAL AUXILIARY OUTLET (LETTER INDICATES TYPE) MICROPHONE OUTLET - WALL MOUNTED (NUMBER INDICATES QUANTITY) T.V. ANTENNA OUTLET LINE INPUT OUTLET (NUMBER INDICATES QUANTITY) INTERCOM/PAGING VOLUME CONTROL LINE INPUT OUTLET - WALL MOUNTED (NUMBER INDICATES QUANTITY) SOUND SYSTEM VOLUME CONTROL INTERCOM/PAGING SPEAKER - CEILING MOUNTED INTERCOM/PAGING SPEAKER - WALL MOUNTED NOTE: SYMBOLS SHOWN "STACKED" ON THE FLOOR PLANS INDICATE THAT THE DEVICES ARE TO BE LOCATED IN THE SAME INTERCOM/PAGING SPEAKER HORN - WALL MOUNTED OUTLET BOX AND FACEPLATE. (I.E. — 1) SOUND SYSTEM SPEAKER - CEILING MOUNTED SOUND SYSTEM SPEAKER - WALL MOUNTED FIRE ALARM HEAT DETECTOR - COMBINATION FIRE ALARM COMBINATION SPEAKER/VISUAL - WALL MOUNTED FIRE ALARM BELL - WALL MOUNTED HEAT DETECTOR - FIXED TEMPERATURE FIRE ALARM HORN - CEILING MOUNTED HEAT DETECTOR - FIXED TEMPERATURE (CONNECTED TO ELEVATOR RECALL) FIRE ALARM VISUAL SIGNAL - CEILING MOUNTED SMOKE DETECTOR FIRE ALARM COMBINATION HORN/VISUAL - CEILING MOUNTED SMOKE DETECTOR - DUCT MOUNTED FIRE ALARM SPEAKER - CEILING MOUNTED SMOKE DETECTOR (CONNECTED TO ELEVATOR RECALL) FIRE ALARM COMBINATION SPEAKER/VISUAL - CEILING MOUNTED FIRE ALARM MANUAL STATION FLOW SWITCH FIRE ALARM HORN - WALL MOUNTED TAMPER SWITCH FIRE ALARM VISUAL SIGNAL - WALL MOUNTED DUCT DETECTOR REMOTE ALARM INDICATOR FIRE ALARM COMBINATION HORN/VISUAL - WALL MOUNTED FAN SHUT-DOWN RELAY FIRE ALARM SPEAKER - WALL MOUNTED MAGNETIC DOOR HOLDER SECURITY PUSHBUTTON STATION MOTION DETECTOR PUSHBUTTON STATION, 'P' INDICATES PILOT KEYPAD DOOR MONITOR SWITCH ELECTRIC STRIKE DOOR SWITCH CARD READER DOOR BELL CHIME/BUZZER POWER SUPPLY DOOR CONTACT SECURITY CAMERA

GENERAL ELECTRICAL DEMOLITION NOTES

- THE CONTRACTOR SHALL COMPLETELY REMOVE ALL ELECTRICAL WIRING, CONDUIT, SWITCHES, DISCONNECTS, LIGHTING FIXTURES AND OTHER ASSOCIATED ITEMS AS SHOWN. THE ITEMS INDICATED SPECIFICALLY ON THE DRAWINGS TO BE REMOVED ARE ONLY TO INDICATE IN GENERAL TO THE CONTRACTOR THE AMOUNT OF DEMOLITION WORK INVOLVED. A SITE INVESTIGATION BY THE CONTRACTOR SHOULD BE PERFORMED TO AID IN DETERMINING THE COMPLETE EXTENT OF WORK INVOLVED.
- THE CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL NECESSARY POWER OUTAGES WITH THE OWNERS REPRESENTATIVE PRIOR TO PROCEEDING WITH SUCH WORK TO INSURE THAT OPERATIONS IN ADJACENT OCCUPIED PORTIONS OF THE BUILDING ARE NOT INTERRUPTED OR

RESTRICTED WITHOUT PRIOR APPROVAL.

- ALL EXISTING BRANCH CIRCUITS BEING REMOVED SHALL BE REMOVED AS COMPLETELY AS POSSIBLE. EXISTING CONDUCTORS SHALL BE REMOVED COMPLETELY FROM THEIR RACEWAYS, DISPOSED OF AS SCRAP, REMOVED FROM SITE AND NOT REUSED EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE. WHERE AN EXISTING DEVICE IS SHOWN REMOVED FROM AN EXISTING CIRCUIT, NEW WIRING SHALL BE PROVIDED AS REQUIRED TO ENSURE CONTINUITY OF EXISTING CIRCUIT. ELECTRICAL RACEWAYS WHERE STUBBED FROM A CONCRETE FLOOR OR WALL SHALL BE CHISELED 2 INCHES BELOW SURFACE, GROUTED AND SCREED.
- ALL EXISTING LIGHT FIXTURES, LAMPS, AND ELECTRICAL EQUIPMENT SHOWN TO BE REMOVED SHALL BE REMOVED BY THE CONTRACTOR. EXISTING FIXTURES AND EQUIPMENT CONSIDERED SALVAGEABLE BY THE OWNER AND NOT SHOWN TO BE REUSED SHALL BE TURNED OVER TO THE OWNER OR REMOVED FROM SITE AS DIRECTED BY OWNER. LAMPS AND BALLASTS THAT ARE CONSIDERED AS HAZARDOUS WASTE SHALL BE DISPOSED OF
- ALL EXISTING SURFACE MOUNTED BACKBOXES, CONDUIT, WIREWAY, JUNCTION BOXES, ETC. SHOWN REMOVED SHALL BE REMOVED IN THEIR ENTIRETY. ALL RECESSED BACKBOXES, JUNCTION BOXES SHOWN REMOVED SHALL BE ABANDONED IN PLACE AND COVERED WITH STAINLESS STEEL COVER PLATES. ALL RECESSED CONDUIT SHALL BE ABANDONED IN PLACE AND CAPPED OFF IN A SUITABLE MANNER PER LOCAL INSPECTORS REQUIREMENTS.
- REPAIRING OR REPLACEMENT OF ALL WALL, CEILING, OR OTHER BUILDING ELEMENTS WHICH ARE DISTURBED AS PART OF THE DEMOLITION OR INSTALLATION OF ELECTRICAL WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING. PAINTING.

- REMOVE ELECTRICAL CONNECTIONS TO ALL MECHANICAL EQUIPMENT BEING REMOVED BY DIVISION 23. COORDINATE EQUIPMENT REMOVAL LOCATIONS WITH MECHANICAL DRAWINGS.
- COORDINATE EXISTING BOXES AND CONDUIT WHICH ARE TO BE REUSED WITH NEW WORK AS INDICATED ON LIGHTING AND POWER DRAWINGS.

GENERAL ELECTRICAL NOTES

- ALL WIRING SHALL BE INSTALLED IN CONTINUOUS RACEWAY.
- ALL CONDUITS IN NEW WALLS. EXISTING STUD WALLS. OR IN AREAS WITH SUSPENDED CEILINGS SHALL BE INSTALLED CONCEALED.
- BRANCH CIRCUIT AND SPECIAL SYSTEMS WIRING FOR DEVICES ON EXISTING WALLS OR EXPOSED CEILINGS WHERE RACEWAY CANNOT BE CONCEALED SHALL BE INSTALLED IN SURFACE METAL RACEWAY.
- ALL EXPOSED RACEWAY IN ROOMS TO BE PAINTED SHALL BE PAINTED TO MATCH SURROUNDING SURFACE. COORDINATE FINISHES WITH ARCHITECT. ALL EXPOSED RACEWAY AND FITTINGS IN ROOMS WHICH ARE NOT TO BE PAINTED SHALL BE WIREMOLD #V500 OR #V700 OR #V2400 SERIES WITH FACTORY IVORY FINISH.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING, PAINTING, REPAIRING OR REPLACEMENT OF ALL WALLS, CEILINGS, OR OTHER BUILDING ELEMENTS WHICH ARE DISTURBED AS PART OF THE DEMOLITION OR INSTALLATION OF ELECTRICAL WORK.
- REFER TO MECHANICAL/ELECTRICAL COORDINATION SCHEDULE SHEET M6.1 FOR ADDITIONAL REQUIREMENTS FOR DISCONNECTS, MOTOR STARTERS, ETC.
- LABELING FOR PANELBOARD DIRECTORIES, FIRE ALARM PANEL PROGRAMMING, ETC. SHALL USE ROOM NUMBERS ASSIGNED BY OWNER AND NOT ROOM NUMBERS LISTED ON DRAWINGS. LABELS ON PANELBOARD DIRECTORY SHALL INCLUDE A DESCRIPTION OF LOAD SUCH AS LIGHTS, RECEPTACLES, MECH. UNIT LOCATIONS, ETC.
- A CABLE OR RACEWAY TYPE WIRING METHOD, INSTALLED IN EXPOSED OR CONCEALED LOCATIONS NEAR METAL-CORRUGATED SHEET ROOF DECKING. SHALL BE INSTALLED AND SUPPORTED SO THE NEAREST OUTER SURFACE OF THE CABLE OR RACEWAY IS NOT LESS THAN 6 INCHES FROM THE NEAREST SURFACE OF THE ROOF DECKING. EXCEPTION: RIGID METAL CONDUIT AND INTERMEDIATE METAL CONDUIT SHALL NOT BE REQUIRED TO MAINTAIN THIS CLEARANCE.

Project Number

ONE

© 2000 Calvin L. Hinz Architects P.C. These plans are specifically designed for construction by Calvin L. Hinz Architects and are intended for no other purposes. Permission for use of this document in part or whole without written consent of Calvin

L. Hinz Architects is

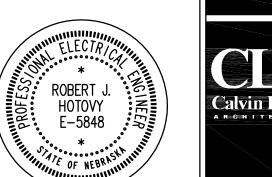
prohibited.

Date

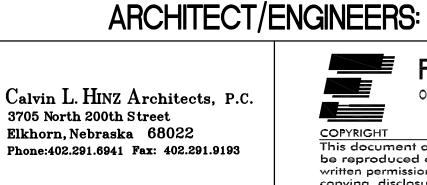
VA FORM 08-6231

IMPORTANT CONTRACTOR'S

ALL CONTRACTORS ARE RESPONSIBLE FOR REVIEWING ENTIRE SET OF DOCUMENTS TO DETERMINE THEIR FULL SCOPE OF WORK. CONTRACTOR SHALL NOT BE ALLOWED EXTRA COSTS DUE TO FAILURE TO REVIEW ENTIRE SET OF DOCUMENTS. 2. ANY USE OF THESE ELECTRONIC DRAWINGS OR SCALING OF THE PRINTED DOCUMENTS ARE DONE SO AT THE CONTRACTORS RISK.











written permission of Farris Engineering, Inc. Unauthorized copying, disclosure or construction use are prohibited by 11239 Chicago Circle Omaha, Nebraska 68154 402.330.5900 402.330.5902 GARY STUCKENSCHMIDT

Drawing Title

Approved: Project Director CONSTRUCTION DOCUMENT (CD-3) SUBMITTAL 100%

APRIL 13, 2012

| ELECTRICAL SYMBOLS LEGEND AND GENERAL NOTES

636–12–105B OMAHA PACKAGE ONE CORRECT NWIHCS SPD DEFICIENCIES-**Building Number** VA OMAHA DIVISION Drawing Number VAMC Omaha, NE Drawn Checked

RJH

Project Title

APRIL 13, 2012

Office of Construction and Facilities Management

